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Reference

9-1605-222-12 P/1

Reference

# TM 9-1005-222-12P/1

*Recs/C1, Pam 25-30*  
DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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## OPERATOR AND ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOL LISTS FOR

## CALIBER .30 US RIFLE M1 (NATIONAL MATCH)

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HEADQUARTERS, DEPARTMENT OF THE ARMY  
JULY 1961

Technical Manual

No. 9-1005-222-12P/1

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON 25, D. C., 28 July 1961

## CALIBER .30 US RIFLE M1 (NATIONAL MATCH)

	Page
SECTION I. PREFACE . . . . .	1
II. BASIC ISSUE ITEMS . . . . .	6
III. REPAIR PARTS AND SPECIAL TOOLS . . . . .	6
Repair Parts for:	
Receiver group . . . . .	8
Bolt assembly . . . . .	10
Housing assembly . . . . .	11
Barrel and hand guard group . . . . .	13
Rear sight group . . . . .	14
Gas cylinder group . . . . .	16
Stock with plate assembly . . . . .	17
Maintenance Tools and Equipment . . . . .	19
Tools and Equipment . . . . .	19
Cleaning and Preserving Materials . . . . .	21
PART NUMBER INDEX . . . . .	30
STOCK NUMBER INDEX . . . . .	31

## SECTION I

### PREFACE

#### 1. General

a. This manual is a list of items authorized for operator and organizational maintenance for caliber .30 US rifle M1 (National Match).

b. Section II is a list of the basic issue items that are required for stockage by first echelon. It includes the first echelon tools and repair parts accompanying the equipment, all of which constitute the major end item for issue to users.

c. Section III is a list of items required or authorized for organizational maintenance.

Items having allowances must be on hand or on order at all times in the quantities determined in accordance with paragraph 3g.

d. For prices of the Ordnance items listed herein, see the appropriate supply manual of the SM 9-2 series. Prices of items that are the responsibility of technical services other than Ordnance may be obtained from appropriate type 2 supply manuals for those services.

e. Additional applications of items in this manual are listed in the supply manuals of the SM 9-3 series.

\*This manual supersedes those portions of ORD 7 SNL B-21, 26 April 1957, including C1, 23 April 1959, pertaining to the National Match Rifle.

## 2. Requisition Notes

a. If the exact item requisitioned is not furnished, or if other action is necessary, the exact nature of the action taken by the supplying agency will be indicated by standard symbols on prescribed forms.

b. When requisitioning an item, the requesting agency will order the *listed* item. However, the supplying agencies will take necessary action to issue the exhaust stock item until stock is exhausted, whether it is an individual item, kit, set, or assembly.

## 3. Explanation of Columns

a. *Source, Maintenance, and Recoverability Code*. This column lists a code that indicates the selection status and source of supply of the repair part, the lowest echelon capable of installing the repair part, and the recoverability and expendability aspects of the repair part. An example of this code is P, O, NR. The P indicates that the item is a mission stockage list repair part that is procured and stocked on a national program basis, the O indicates that the repair part is authorized to first and second echelons, and the NR indicates that the repair part is a nonexpendable, recoverable item. When repair parts supply responsibility has been assigned to a technical service other than Ordnance, the basic number of the supplying technical service is listed in the first position of the source code, for example, 10 for a Quartermaster Corps item. Refer to paragraph 5 for an explanation of all codes appearing in this manual.

b. *Federal Stock Number*. This column lists the Federal stock number which has been assigned by the Cataloging Division, Armed Forces Supply Support Center.

c. *Description*. This column lists the Federal item name (shown in capital letters) and any additional description required for supply operation. The abbreviation w/e (with equipment) when used as a portion of the nomenclature indicates that the major item includes all equipment, accessories, and repair parts issued with the item. The technical service or manu-

facturer's part number is also included for reference.

d. *Unit of Issue*. This column lists the minimum quantity that will be supplied. All items are considered as *each* except where the unit of issue is shown as ft, in, etc., such as for bulk materials, the requisition should indicate the exact amount that is required, for example, 6 ft.

e. *Quantity Authorized*. This column lists the quantity of the listed item authorized for stockage by first echelon.

f. *Quantity Incorporated in Unit*. This column lists the quantity of each listed part incorporated in the group or assembly. The total quantity of each part incorporated in the end item is listed in the part number index.

g. *15-Day Maintenance Allowance per 100 Equipment*.

- (1) This column lists an allowance factor which is based on the latest mortality data and is the estimated average quantity required by organizational maintenance to provide maintenance and supply support for 100 equipments for a 15-day period under combat conditions. A decimal fraction system is used to express the allowance factors.
- (2) Since the allowance factors are based on 100 equipments, it is necessary to compute the exact quantity authorized. This quantity is determined by the use of a simple mathematical formula. Resulting fractional values of 0.5 or larger will be rounded to the next higher whole number. Fractional values below 0.5 will be rounded to the next lower whole number. A minimum quantity of one will be authorized whenever the computed allowance quantity is less than one.

Example 1: If the number of equipments supported is 30 and the allowance factor for 100 equipments is 5.9, the following computation would be made:

$$\frac{30 \times 5.9}{100} = 1.77$$

Since the resulting fractional value of the result is larger than 0.5, the computed value will be rounded to the next higher whole number, in this case 2.

Example 2: If the number of equipments supported is 89 and the allowance factor for 100 equipments is 3.4, the following computation would be made:

$$\frac{89 \times 3.4}{100} = 3.026$$

In this instance, the result is rounded to the next lower whole number since the fractional value is less than 0.5 and the echelon would be authorized a quantity of 3.

- (3) The quantitative allowances determined in accordance with (2) above, constitute one prescribed load for a 15-day period. Major commanders will determine the number of prescribed loads second-echelon units and organizations will carry. Units and organizations authorized additional prescribed loads will utilize the computations explained in (2) above, but will multiply the number of equipments supported by the number of authorized prescribed loads for completing the computation.

Example 1: If the number of equipments supported is 30 and the allowance factor per 100 equipments is 5.9 and the authorized number of prescribed loads is 2, the following computation would be made:

$$\frac{30 \times 2 \times 5.9}{100} = 3.54$$

The resulting quantity is rounded off to the next whole number, in this case 4.

Example 2: If the number of equipments supported is 89 and the allowance factor per 100 equipments is 3.4 and the authorized number of prescribed loads is 3,

the following computation would be made:

$$\frac{89 \times 3 \times 3.4}{100} = 9.078$$

In this instance the quantity authorized would be rounded off to 9.

- (4) Additional repair parts which may be required for performing organizational maintenance, but are not authorized for stockage in the prescribed load, are listed with no allowance factors shown. These parts are identified by an asterisk (\*) in the allowance column and are requisitioned as required for immediate use only.

*h. Illustration.* This column indicates the figure number of the illustration that depicts the item. When more than one item appears on an illustration, the item number is also indicated.

## 4. Abbreviations and Symbols

### a. Abbreviations.

assy	-----	assembly
bbl	-----	barrel
bndl	-----	bundle
cal.	-----	caliber
dia	-----	diameter
env	-----	envelope
fil-ck-hd	-----	fillister countersunk head
fil-hd	-----	fillister head
fl-fil-hd	-----	flat-fillister head
gal	-----	gallon (s)
gr	-----	grade
h	-----	high
hd	-----	head
HSS	-----	high speed steel
lg	-----	length (long)
max	-----	maximum
min	-----	minimum
mtg	-----	mounting
NC	-----	National coarse (thread)
NF	-----	National fine (thread)
nom	-----	nominal
o/a	-----	overall
od	-----	outside diameter
phos-ctd	-----	phosphate coated
phos-fin.	-----	phosphate finish
qt	-----	quart (s)
S	-----	steel
sh	-----	sheet
sp	-----	special
stk	-----	stock

temp	-----	temperature
thk	-----	thick
TPI	-----	threads per inch
UNF	-----	Unified fine thread
w/e	-----	with equipment
w	-----	wide, width
wtrprf	-----	waterproof

#### b. Symbols.

CA	-----	Abrasive cloth
CR	-----	Solvent cleaning compound, rifle bore cleaner
LAW	-----	Weapons lubricating oil
PL special	-----	General purpose lubricating oil

### 5. Explanation of Codes

#### a. Technical Service Number.

Code	Explanation
5	Corps of Engineers
10	Quartermaster Corps
12	Adjutant General

*Note.* Items not coded in this column are considered (9) Ordnance items.

#### b. Source.

Code	Explanation
P	Applied to repair parts which are high mortality parts procured by technical services, stocked in and supplied from the technical services depot system, and authorized for use at the indicated maintenance echelons.

#### Code

P1.

#### Explanation

Applied to repair parts which are low mortality parts procured by technical services, stocked only in and supplied from technical service key depots, and authorized for installation at indicated maintenance echelons.

#### c. Maintenance Level.

#### Code

O

#### Explanation

Assigned to all repair parts authorized to first (1st) and second (2d) echelons.

#### d. Recoverability Code.

#### Code

NR

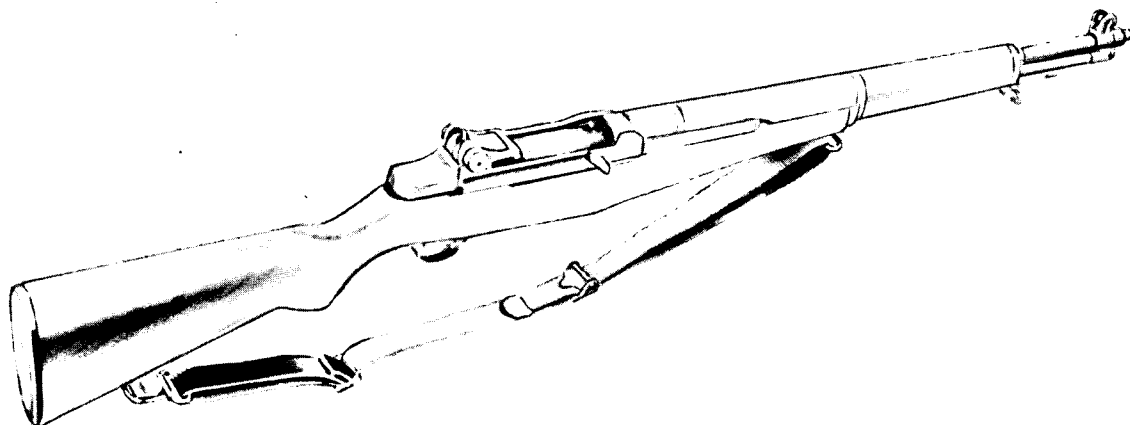
#### Explanation

Indicates a repair part or assembly that is *nonexpendable* and *recoverable* and is economically repairable.

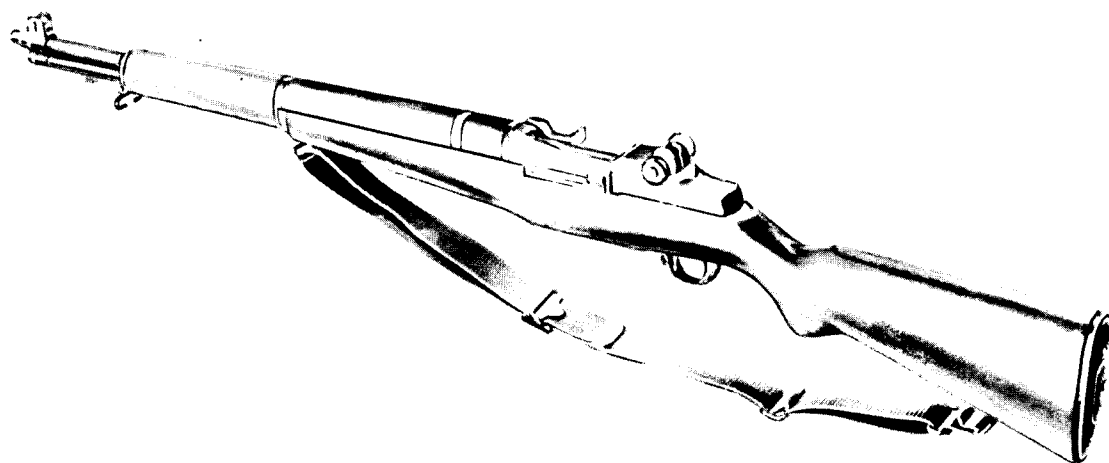
*Note.* When no code is indicated in column 1(d) the item is expendable and not recoverable.

### 6. Suggestions and Recommendations

Notice of discrepancies and recommendations for additions and deletions of repair parts and special tools should be forwarded on DA Form 2028 direct to the Commanding Officer, Raritan Arsenal, Metuchen, N. J., ATTN: ORDJR-OPRA.



THREE-QUARTER RIGHT-REAR VIEW



THREE QUARTER LEFT-REAR VIEW

RA PD 134665

*Figure 1. Caliber .30 US rifle M1 (National Match)—right and left rear view.*

(1) Source, maintenance, and recoverability code				(2)	(3)	(4)	(5)	(6) Illustration	
(a) Technical service No.	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Quantity authorized	(a) Figure No.	(b) Item No.
			NR	1005-726-6476	<p align="center"><b>MAJOR ITEM</b></p> <p>RIFLE, US, CALIBER, .30: M1 (National Match) w/e (5910565).</p> <p align="center"><b>COMPONENTS OF MAJOR ITEM</b></p> <p>The items listed below are issued as components of the major item for initial issue. Replacement items will be requisitioned separately under their individual stock numbers.</p> <p>RIFLE, US, CALIBER .30 M1 (National Match) (7790937).</p> <p align="center"><b>REPAIR PARTS</b></p> <p align="center">None authorized.</p> <p align="center"><b>TOOLS AND EQUIPMENT</b></p> <p align="center">(Packaged With the Major Item)</p> <p>1005-556-4174 BRUSH, CLEANING, SMALL ARMS; cal. .30, 2-31/32 over-all lg (5564174).</p> <p>1005-691-1381 BRUSH, CLEANING, SMALL ARMS: cal. .30, 3-1/2 over-all lg (7790582).</p> <p>1005-694-1662 BUFFER, CLEANING ROD: cal. .30, M10 (7268275).</p> <p>1005-650-4510 CASE, CLEANING ROD: cal. .30 (7267754)-----</p> <p>1005-791-3377 CASE, LUBRICANT: (7790995)-----</p> <p>1005-793-6761 HANDLE ASSEMBLY: cleaning rod, rifle, US, cal. .30 (7266115).</p> <p>1005-726-6110 HOLDER, CLEANING PATCH: S, 0.164-32NC-2A, 3.500 over-all lg (7266110).</p> <p>1005-726-6109 ROD SECTION, CLEANING, SMALL ARMS: S, 0.255 od, 0.164-32NC-2A one end, 0.164-32NC-2B other end, 6.305 over-all lg (7266109).</p> <p>1005-654-4058 SLING, GUN: M1, webbing (6544058)-----</p> <p align="center"><b>MISCELLANEOUS MATERIEL</b></p> <p>The items listed under subheadings below are not issued with this rifle, but are requisitioned and issued in accordance with TOE, TA, or as otherwise authorized.</p> <p align="center"><b>Ammunition</b></p> <p>Ammunition for use with this rifle is shown in SM 9-5-1305.</p> <p align="center"><b>Articles for Instructional Purposes</b></p> <p>The following items WILL BE TAKEN into the field upon permanent change of station and into the Theater of Operations.</p> <p>1305-028-6251 CARTRIDGE, dummy, cal. .30, M2 (TA 23-103) (6137604).</p>	1	---	1	
						1	1	9	1
						1	1		
						1	1		
						1	1	9	2
						1	1	9	3
						1	4	9	4
						1	1	9	5

(1) Source, maintenance, and recoverability code				(2)  Federal stock No.	(3)  Description	(4)  Unit of issue	(5)  Quantity authorized	(6) Illustration	
(a) Technical service No.	(b) Source	(c) Maintenance level	(d) Recoverability					(a)	(b)
								Figure No.	Item No.
12	---	---	---	1005-617-4998	<b>Articles for Instructional Purposes -- Continued</b> DEVICE, AIMING: M2 (6174998) ----- TRAINER, RIFLE SIGHTING: M15, cardboard, hard finish, 0.016 thk (7160903).  <b>MATERIAL ISSUED BY OTHER TECHNICAL SERVICES</b> The following items are issued by the Adjutant General in accordance with distribution formula and AR 310-90. Additional copies, when required, will be requisitioned from the Adjutant General.  TECHNICAL MANUAL, TM 9-1005-222-12P/1.	1	---	17	
				6010-716-0903		1	---	16	
				-----					



# SECTION III

## REPAIR PARTS AND SPECIAL TOOLS

(1) Source, maintenance, and recoverability code				(2)  Federal stock No.	(3)  Description	(4)  Unit of issue	(5)  Quantity incorporated in unit	(6) 15-Day maintenance allowance per 100 equipments		(7) Illustration	
(a)  Technical service No.	(b)  Source	(c)  Maintenance level	(d)  Recoverability					(a)  Company or battery	(b)  Separate company, Separate battalion or regiment	(a)  Figure No.	(b)  Item No.
					<b>REPAIR PARTS FOR RECEIVER GROUP</b>						
	P	O	----	1005-600-8869	ARM, FOLLOWER: (6008869) . . . . .	1	1	1.0	-----	2	4
	P	O	----	1005-652-8287	BOLT, BREECH: S, 3.808 over-all lg (6528287).	1	1	1.0	-----	2	10
	P	O	----	1005-554-6027	CATCH ASSEMBLY: operating rod (5546027).	1	1	1.0	-----	2	5
	P	O	----	1005-554-6004	FOLLOWER: (5546004) . . . . .	1	1	1.0	-----	2	7
	P	O	----	1005-726-5215	GUIDE, BULLET: (7265215) . . . . .	1	1	1.0	-----	2	6
	P	O	----	1005-554-6011	LATCH, CLIP: (5564011) . . . . .	1	1	1.0	-----	2	12
	P	O	----	1005-501-3667	PIN, SHOULDER, HEADED: S, 1.250 over-all lg, follower arm (5013667).	1	1	1.0	-----	2	3
	P	O	----	5315-600-8878	PIN, STRAIGHT, HEADED: S, phos- fin., fil-hd, 0.122 max stk dia, 3.300 max lg under hd (6008878).	1	1	1.0	-----	2	11
	P	O	----	1005-556-4331	ROD, FOLLOWER, ASSEMBLY: (5564331).	1	1	1.0	-----	2	2
	P	O	----	1005-711-6203	ROD, OPERATING, ASSEMBLY: (7790722).	1	1	1.0	-----	2	9
	P	O	----	1005-554-6017	SLIDE, FOLLOWER: (5546017) . . . .	1	1	1.0	-----	2	8
	P	O	----	1005-600-8885	SPRING, HELICAL, COMPRESSION: S, 0.0285 max stk dia, 0.265 max free od, 0.600 free over-all lg, 6-7/8 coils (6008885).	1	1	1.0	-----	2	13
	P	O	----	1005-614-7568	SPRING, HELICAL, COMPRESSION: S, 0.0562 max stk dia, 0.384 max free od, 20-1/4 free o/a lg, 200 total coils, operating rod (6147568).	1	1	1.0	-----	2	1

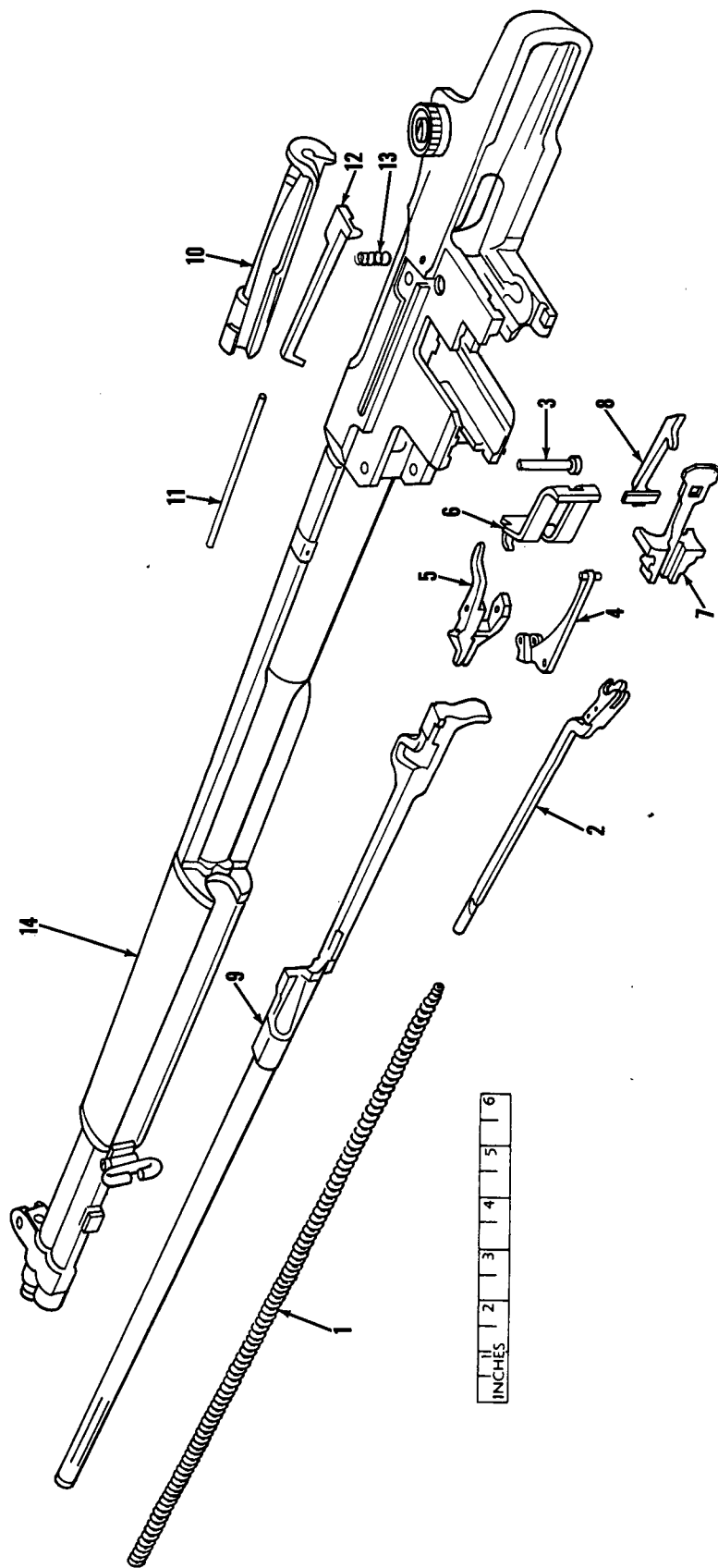
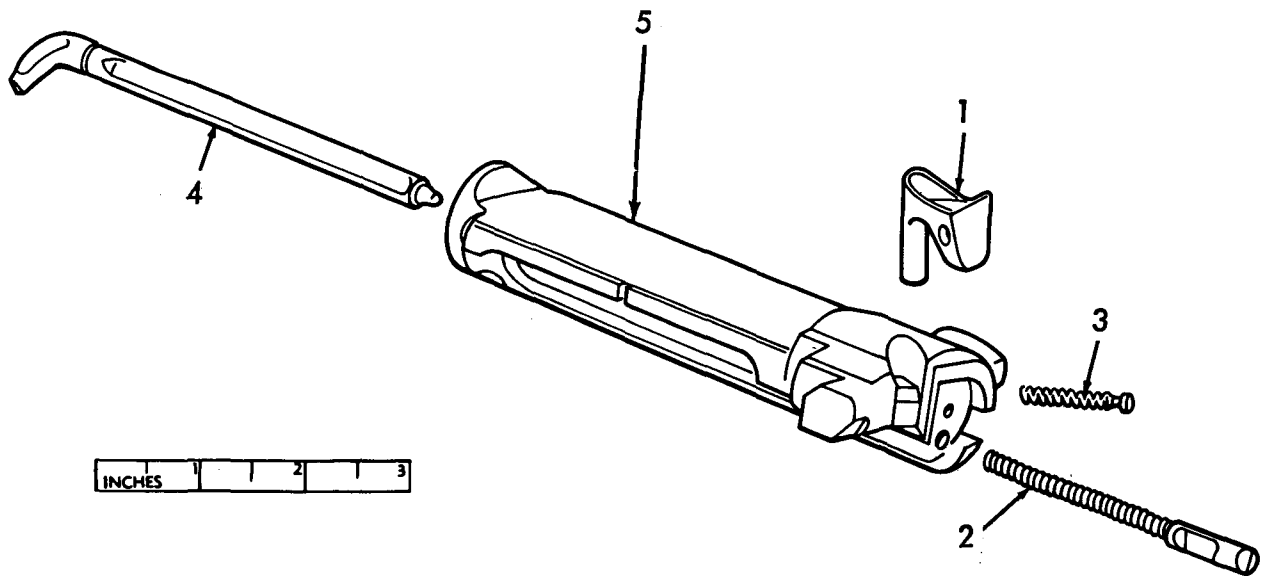


Figure 2. Receiver group.

ORD F1532

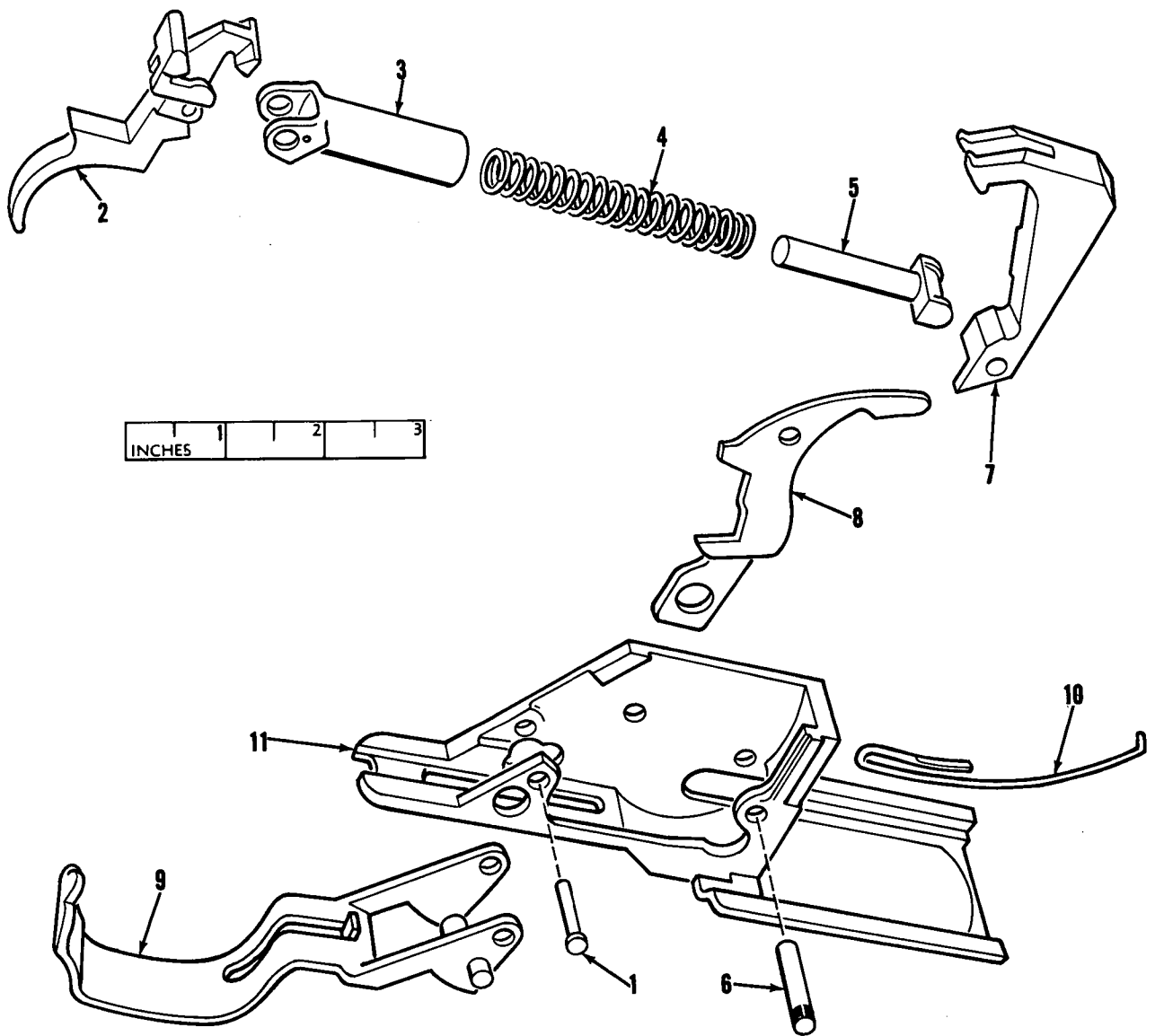
(1) Source, maintenance, and recoverability code				(2)	(3)	(4)	(5)	(6) 15-Day maintenance allowance per 100 equipments		(7) Illustration	
(a) Technical service No.	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Quantity incorporated in unit	(a) Company or battery	(b) Separate company, Separate battalion or regiment	(a) Figure No.	(b) Item No.
	P	O	----	1005-652-8287	<b>REPAIR PARTS FOR BOLT ASSEMBLY</b> BOLT, BREECH: S, 3.808 over-all lg (6528287) (For authorized al- lowances, see this item under Re- ceiver Group).					3	5
	P	O	----	1005-600-8616	EJECTOR, CARTRIDGE, ASSEM- BLY: (6008616).	1	1	1.0	----	3	3
	P	O	----	1005-554-6003	EXTRACTOR, CARTRIDGE: (5546003).	1	1	1.0	----	3	1
	P	O	----	1005-600-8879	PIN, FIRING: bolt assy (6008879)...	1	1	1.0	----	3	4
	P	O	----	1005-600-8618	PLUNGER, EXTRACTOR SPRING, ASSEMBLY: (6008618).	1	1	1.0	----	3	2



ORD F1533

Figure 3. Bolt assembly.

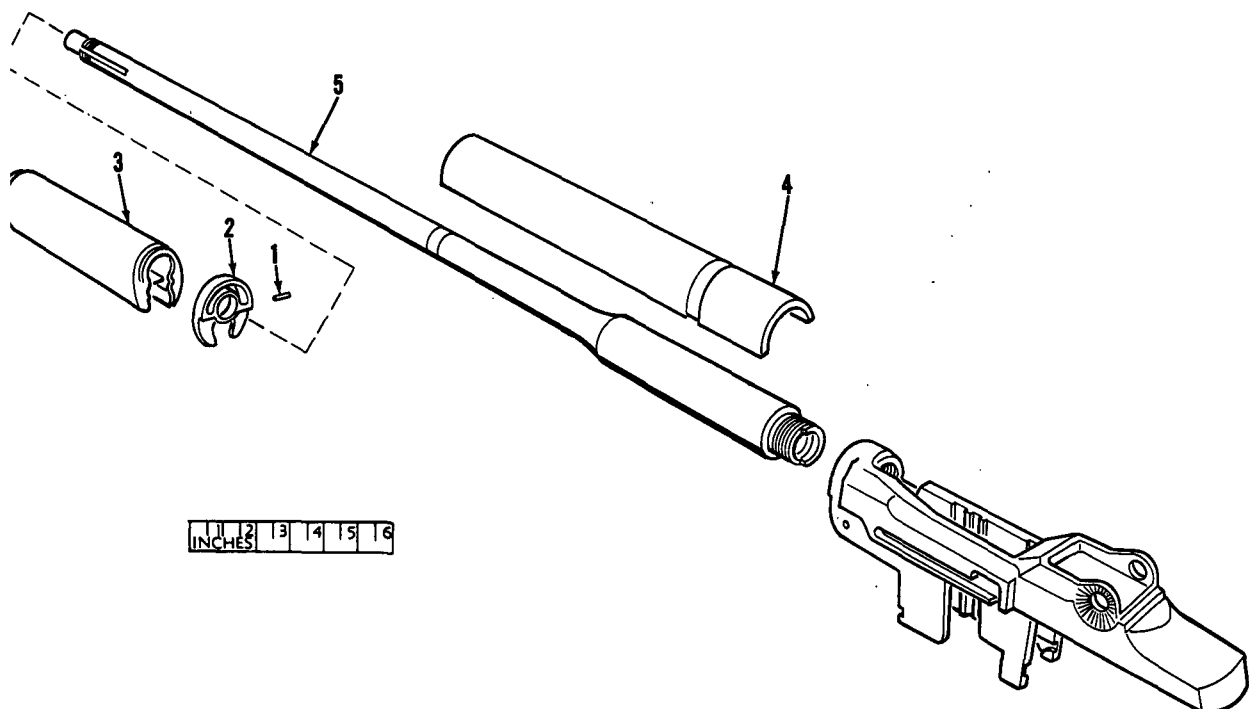
(1) Source, maintenance, and recoverability code				(2)  Federal stock No.	(3)  Description	(4)  Unit of issue	(5)  Quantity incorporated in unit	(6) 15-Day maintenance allowance per 100 equipments		(7) Illustration	
(a) Technical service No.	(b) Source	(c) Maintenance level	(d) Recoverability					(a) Company or battery	(b) Separate company, Separate battalion or regiment	(a) Figure No.	(b) Item No.
					<b>REPAIR PARTS FOR HOUSING ASSEMBLY</b>						
	P	O	----	1005-554-6018	EJECTOR, CLIP: trigger housing (5546018).	1	1	1.0	-----	4	10
	P	O	----	1005-731-2631	GUARD, TRIGGER, ASSEMBLY: trigger housing (7312631).	1	1	1.0	-----	4	9
	P	O	----	1005-554-6008	HAMMER, FIRING: trigger housing (5546008).	1	1	2.0	-----	4	7
	P	O	----	1005-600-8883	HOUSING, HAMMER SPRING: (6008883).	1	1	1.0	-----	4	3
	P	O	----	1005-652-8290	HOUSING, TRIGGER: (6528290) ....	1	1	1.0	-----	4	11
	P	O	----	5315-501-3669	PIN, STRAIGHT, HEADED: S, fl- pk-hd, 0.099 shank dia, 0.555 nom lg under hd (5013669).	1	1	1.0	-----	4	1
	P	O	----	5315-501-3668	PIN, STRAIGHT, HEADED: S, fl- fil-hd, 0.187 max dia shank, 3/4 nom lg under hd (5013668).	1	1	1.0	-----	4	6
	P	O	----	1005-600-8880	PLUNGER, HAMMER SPRING: (6008880).	1	1	1.0	-----	4	5
	P	O	----	1005-554-6015	SAFETY, SMALL ARMS: catch type holding device, 0.197 dia, trigger housing (5546015).	1	1	1.0	-----	4	8
	P	O	----	1005-600-8887	SPRING, HELICAL, COMPRESSION: S, 0.063 stk dia, 0.361 free od, 20 coils (6008887).	1	1	1.0	-----	4	4
	P	O	----	1005-554-6026	TRIGGER ASSEMBLY: trigger hous- ing (5546026).	1	1	1.0	-----	4	2



ORD F1534

*Figure 4. Housing assembly.*

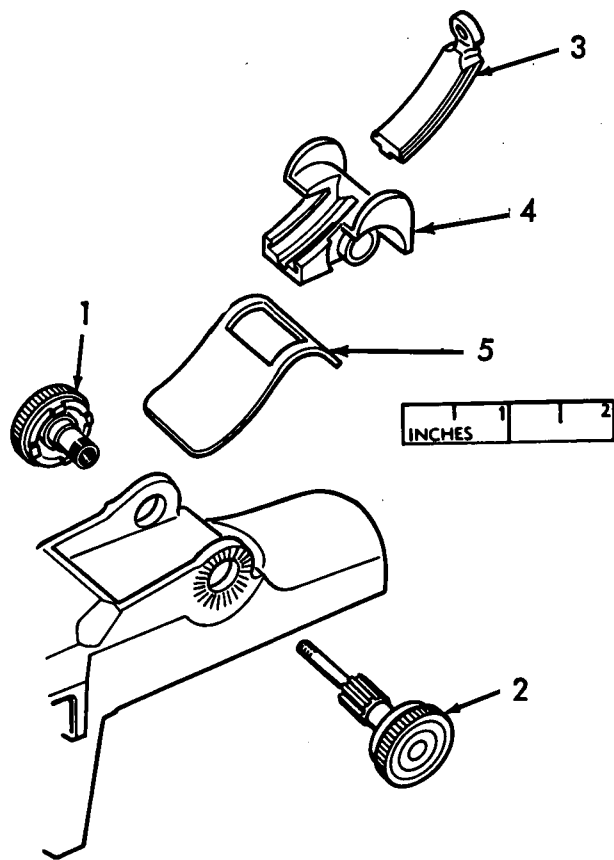
(1) Source, maintenance, and recoverability code				(2)  Federal stock No.	(3)  Description	(4)  Unit of issue	(5)  Quantity incorporated in unit	(6)  15-Day maintenance allowance per 100 equipments		(7)  Illustration	
(a)  Technical service No.	(b)  Source	(c)  Maintenance level	(d)  Recoverability					(a)  Company or battery	(b)  Separate company, Separate battalion or regiment	(a)  Figure No.	(b)  Item No.
					<b>REPAIR PARTS FOR BARREL AND HAND GUARD GROUP</b>						
	P	O	----	1005-554-6000	BAND, LOWER: front hand guard assy (5546000).	1	1	1.0	-----	5	2
	P1	O	----	1005-447-9904	BARREL, RIFLE: cal. .30 (7791035).	1	1	1.0	-----	5	5
	P	O	----	1005-778-0579	GUARD, FRONT, HAND, ASSEM- BLY: (7790725).	1	1	1.0	-----	5	3
	P	O	----	1005-554-6024	GUARD, HAND, GUN: walnut, metal band, 9.64 over-all lg (5546024).	1	1	1.0	-----	5	4
	P	O	----	5315-058-6079	PIN, SPRING: S, phos-ctd, 0.125 nom dia, 1/2 lg (586079).	1	1	1.0	-----	5	1



ORD F1535

Figure 5. Barrel and hand guard group.

(1) Source, maintenance, and recoverability code				(2)	(3)	(4)	(5)	(6) 15-Day maintenance allowance per 100 equipments		(7) Illustration	
(a) Technical service No.	(b) Source	(c) Maintenance level	(d) Recoverability	Federal stock No.	Description	Unit of issue	Quantity incorporated in unit	(a) Company or battery	(b) Separate company, Separate battalion or regiment	(a) Figure No.	(b) Item No.
	P	O	----	1005-348-8654	<b>REPAIR PARTS FOR REAR SIGHT GROUP</b> APERTURE, SIGHT: S, phos-fin., 1.275 lg of base, 0.449 w of base, 0.0595 dia of aperture (7268109). OR	1	1	1.0	-----	6	3
	P	O	----	1005-348-8655	APERTURE, SIGHT: S, phos-fin., 1.275 lg of base, 0.449 w of base, 0.0520 dia of aperture (7268110). OR	1					
	P1	O	----	1005-600-8868	APERTURE, SIGHT: S, phos-ctd, 1.275 lg of base, 0.429 w of base, 0.069 dia of aperture (6008868).	1					
	P	O	----	1005-649-9274	BASE, REAR SIGHT: (7790357) ....	1	1	1.0	-----	6	4
	P	O	----	1005-600-8872	COVER, REAR SIGHT: (6008872)...	1	1	1.0	-----	6	5
	P	O	----	1005-649-9275	KNOB, WINDAGE, REAR SIGHT, ASSEMBLY: (7790386).	1	1	1.0	-----	6	1
	P	O	----	1005-731-2738	PINION, ELEVATING, REAR SIGHT, ASSEMBLY: (7312738).	1	1	1.0	-----	6	2

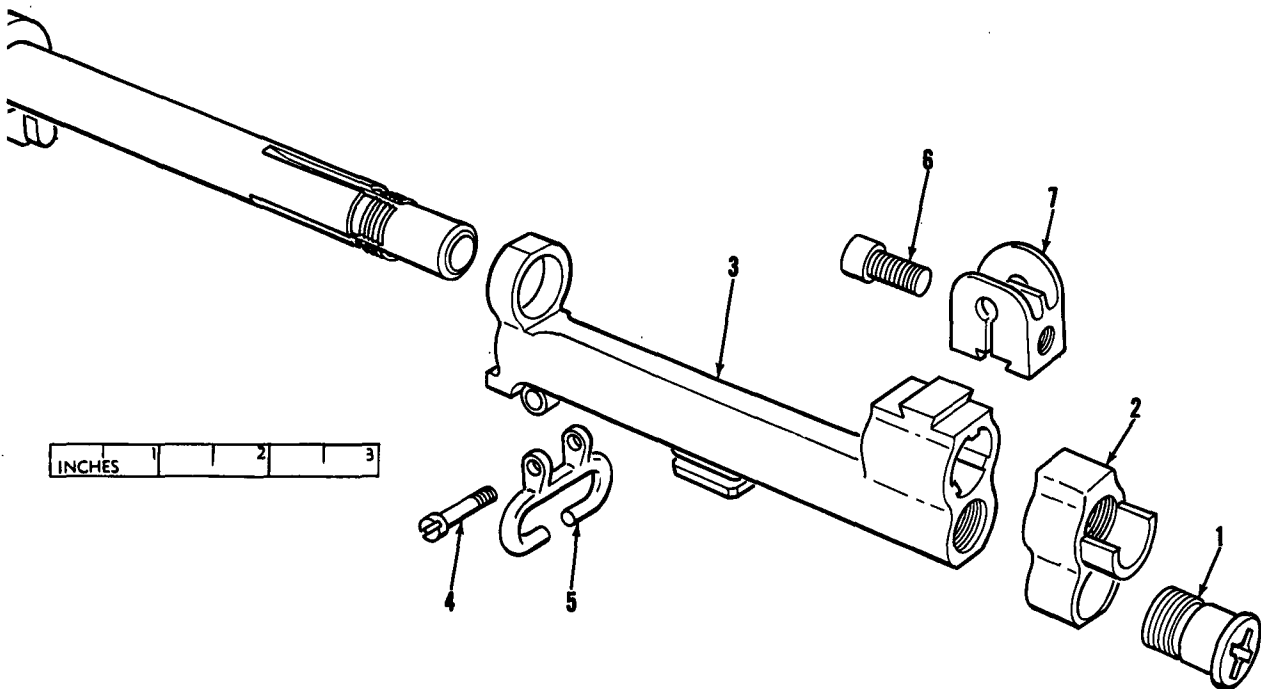


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*Figure 6. Rear sight group.*



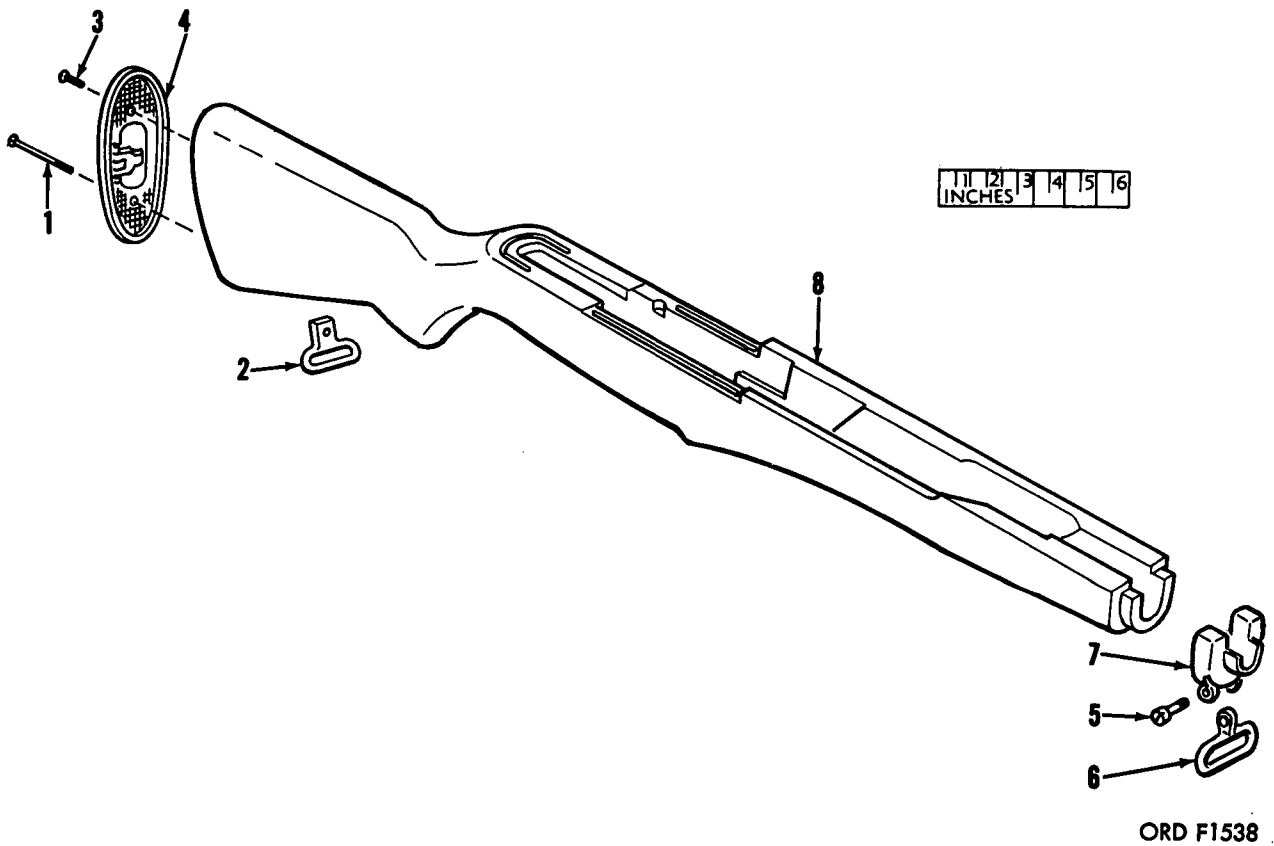
(1) Source, maintenance, and recoverability code				(2)  Federal stock No.	(3)  Description	(4)  Unit of issue	(5)  Quantity incorporated in unit	(6) 15-Day maintenance allowance per 100 equipments		(7) Illustration	
(a) Technical service No.	(b) Source	(c) Maintenance level	(d) Recoverability					(a) Company or battery	(b) Separate company, Separate battalion or regiment	(a) Figure No.	(b) Item No.
					<b>REPAIR PARTS FOR GAS CYLINDER GROUP</b>						
	P	O	----	1005-649-9269	CYLINDER, GAS: (7790111) .....	1	1	1.0	-----	7	3
	P	O	----	1005-726-5871	LOCK, GAS CYLINDER: (7265871)..	1	1	1.0	-----	7	2
	P	O	----	5305-269-6419	SCREW, CAP, SOCKET HEAD: S, fil-fil-hd, 1/4-28UNF-3A, 1/2 lg (MS 35460-21).	1	1	1.0	-----	7	6
	P	O	----	1005-570-6963	SCREW, GAS CYLINDER LOCK: (6147428).	1	1	1.0	-----	7	1
	P	O	----	5305-501-3678	SCREW, MACHINE: S, fil-hd, no. 10 (0.190)-32NF-2 x 0.700 max lg (5013678).	1	1	1.0	-----	7	4
	P	O	----	1005-573-1601	SIGHT, FRONT: (7268365) .....	1	1	1.0	-----	7	7
	P	O	----	1005-600-8891	SWIVEL, STACKING: gas cylinder (6008891).	1	1	1.0	-----	7	5



ORD F1537

Figure 7. Gas cylinder group.

(1) Source, maintenance, and recoverability code				(2)  Federal stock No.	(3)  Description	(4)  Unit of issue	(5)  Quantity incorporated in unit	(6) 15-Day maintenance allowance per 100 equipments		(7) Illustration	
(a) Technical service No.	(b) Source	(c) Maintenance level	(d) Recoverability					(a) Company or battery	(b) Separate company, Separate battalion or regiment	(a) Figure No.	(b) Item No.
					<b>REPAIR PARTS FOR STOCK WITH PLATE ASSEMBLY</b>						
	P	O	----	1005-554-6013	FERRULE, STOCK: stock assy (5546013).	1	1	1.0	-----	8	7
	P	O	----	1005-556-4283	PLATE, BUTT, SHOULDER, GUN STOCK: S, 1.690 max w, 4.837 max lg, 2 mtg holes, 0.233 dia (5564283).	1	1	1.0	-----	8	4
	P	O	----	1005-614-6873	SCREW, BUTT PLATE, SMALL: S, 0.212 dia stk, 10TPI, 0.925 over- all lg (6146873).	1	1	1.0	-----	8	3
	P1	O	----	5305-501-3677	SCREW, MACHINE: S, fil-hd, no. 10 (0.190)-32NF-2 x 0.520 max lg (5013677).	1	1	1.0	-----	8	5
	P	O	----	5305-600-8881	SCREW, MACHINE: S, phos-fin., fil-ck-hd, no. 12 (0.216)-28NF- 2A, 3.171 lg (6008881).	1	1	1.0	-----	8	1
	P	O	----	1005-778-0578	STOCK, ROUTED: stock assy (7790721).	1	1	1.0	-----	8	8
	P	O	----	1005-600-8889	SWIVEL, BUTT: stock (6008889) ...	1	1	1.0	-----	8	2
	P	O	----	1005-600-8890	SWIVEL, STOCK FERRULE: (6008890).	1	1	1.0	-----	8	6



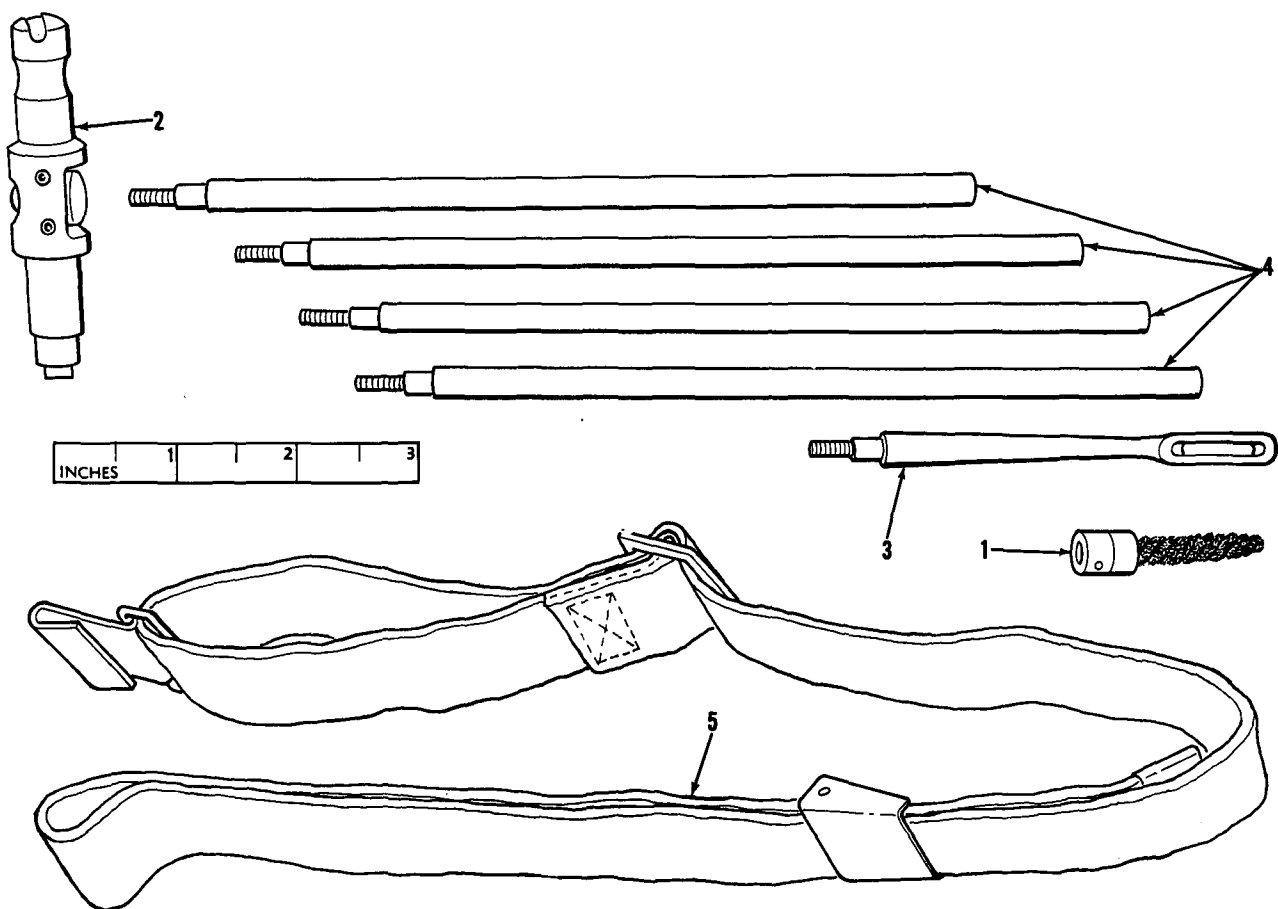
*Figure 8. Stock with plate assembly.*

(1) Source, maintenance, and recoverability code				(2)  Federal stock No.	(3)  Description	(4)  Unit of issue	(5)  Quantity incorporated in unit	(6)  15-Day maintenance allowance per 100 equipments		(7)  Illustration	
(a)  Technical service No.	(b)  Source	(c)  Maintenance level	(d)  Recoverability					(a)  Company or battery	(b)  Separate company, Separate battalion or regiment	(a)  Figure No.	(b)  Item No.
					<b>MAINTENANCE TOOLS AND EQUIPMENT</b>  The 15-day level is not applicable. Tools and equipment necessary for organizational maintenance of the National Match Rifle M1 are issued under the authority of TA 60-18.  <b>TOOLS AND EQUIPMENT</b>  The following items are requisitioned and issued, if not otherwise authorized, to Ordnance maintenance units performing maintenance support of the major items. Items may be requisitioned as required for replacement under their individual stock numbers. The 15-day level is not applicable.						
			NR	4933-726-5849	TOOL KIT, RIFLE, CALIBER .30: field maintenance tools (7265849). Consisting of:	1	----	*			
			NR	4933-604-6302	1-BOLT, FIELD TEST: cal. .30 (6046302).	1	----	-----		15	1
			NR	5140-652-8243	1-CHEST, TOOL, METAL: removable tray 7 h, 7 w, 16 lg (41-C-853).	1	----	-----		10	
			NR	4933-556-4343	1-GAGE: breech bore, cal. .30 (5564343).	1	----	-----		15	3
			NR	4933-345-6122	3-GAGE, FIRING PIN PROTRUSION: S, 3/8 w, 1/16 thk, 2 over-all lg (7274736).	1	----	-----		11	5
			NR	4933-398-4108	1-GAGE: headspace, cal. .30 (7319919).	1	----	-----		15	4
			NR	4933-731-9919	1-GAGE, PLUG, GAS CYLINDER DIAMETER: (7319919).	1	----	-----		11	2
			NR	5220-731-9918	1-GAGE, RING, PLAIN: no go, single ring, 0.5993 id (7319918).	1	----	-----		11	3
			NR	5220-731-9911	1-GAGE, SNAP, PLAIN, ADJUSTABLE: no go, 0.52495 to 0.52500 gaging range (7319911).	1	----	-----		11	4
			NR	4933-731-9920	1-GAGE, TIMING: cal. .30 (7319920).	1	----	-----		11	1
			NR	4933-508-0425	1-REAMER, CHAMFERING: cal. .30, knurled, 6 flutes, 1 od, 1-1/2 over-all lg (8411556).	1	----	-----		11	6

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quantity incorporated in unit	(6) 15-Day maintenance allowance per 100 equipments		(7) Illustration	
(a) Technical service No.	(b) Source	(c) Maintenance level	(d) Recoverability					(a) Company or battery	(b) Separate company, Separate battalion or regiment	(a) Figure No.	(b) Item No.
			NR	4933-556-4165	TOOLS AND EQUIPMENT — Continued 1-SET, STACKING: swivel screw (no. 1) dia 1/4 x 3-3/16 (5564165).	1	---			15	5
			NR	4933-726-5848	TOOL KIT, RIFLE, CALIBER .30: depot maintenance tools (7265848). Consisting of:	1	---	*			
			NR	4933-604-6302	1-BOLT, FIELD TEST: cal. .30 (6046302).	1	---			15	1
			NR	4933-566-1055	3-FIXTURE, ASSEMBLING, EJECTOR: (5661055).	1	---			14	4
			NR	4933-659-5353	1-FIXTURE, ASSEMBLING: receiver and barrel, cal. .30 (6595353).	1	---			13	1
			NR	4933-713-7938	1-FIXTURE, BARREL AND RECEIVER: cal. .30 (7137938).	1	---			13	3
			NR	5220-731-9944	2-GAGE: headspace, cal. .30 (7319944).	1	---			15	2
			NR	4933-604-5949	3-GAGE ASSEMBLY: alining bbl, w/pin (6045949).	1	---			14	2
			NR	4933-556-4343	1-GAGE: breech bore, cal. .30 (5564343).	1	---			15	3
			NR	4933-345-6122	3-GAGE, FIRING PIN PROTRUSION: S, 3/8 w, 1/16 thk, 2 over-all lg (7274736).	1	---			11	5
			NR	4933-731-9904	1-GAGE, GAS CYLINDER CHECK: cal. .30 (7319904).	1	---			14	3
			NR	4933-398-4107	2-GAGE, HEADSPACE, RIFLE: cal. .30 (7319950).	1	---			14	5
			NR	4933-731-9933	3-GAGE, LOCATING, LOCKING LUGS: (7319933).	1	---			12	2
			NR	4933-731-9919	3-GAGE, PLUG, GAS CYLINDER DIAMETER: (7319919).	1	---			11	2
			NR	4933-731-8620	3-GAGE, PLUG, THREAD, RECEIVER: (7318620).	1	---			14	1
			NR	5220-731-9918	3-GAGE, RING, PLAIN: no go, single ring, 0.5993 id (7319918).	1	---			11	3
			NR	5220-731-9911	3-GAGE, SNAP, PLAIN, ADJUSTABLE: no go, 0.52495 to 0.52500 gaging range (7319911).	1	---			11	4
			NR	4933-731-9920	3-GAGE, TIMING: cal. .30 (7319920).	1	---			11	1
			NR	4933-714-2269	1-JAW: headspace reamer (7142269).	1	---			12	1A
			NR	4933-508-0425	3-REAMER, CHAMFERING: cal. .30, knurled, 6 flutes, 1 od, 1-1/2 over-all lg (8411556).	1	---			11	6

(1) Source, maintenance, and recoverability code				(2)  Federal stock No.	(3)  Description	(4)  Unit of issue	(5)  Quantity incorporated in unit	(6)  15-Day maintenance allowance per 100 equipments		(7)  Illustration	
(a)  Technical service No.	(b)  Source	(c)  Maintenance level	(d)  Recoverability					(a)  Company or battery	(b)  Separate company, Separate battalion or regiment	(a)  Figure No.	(b)  Item No.
			NR	4933-714-2262	<b>TOOLS AND EQUIPMENT—Continued</b>						
					3-REAMER ASSEMBLY, HEADSPACE: cal. .30 (7142262).	1	-----	-----	-----	12	1
			NR	4933-714-2263	1-REAMER: machine, head- space, HSS, cal. .30 (7142263).	1	-----	-----	-----	12	1B
			NR	4933-556-4165	1-SET, STACKING: swivel screw (no. 1) dia 1/4 x 3-3/16 (5564165).	1	-----	-----	-----	15	5
			NR	4933-631-6048	3-WRENCH ASSEMBLY: gas cylinder lock (6316048).	1	-----	-----	-----	13	2
			NR	4933-713-7939	1-WRENCH, BARREL AND RECEIVER: S, 24 lg over-all (7137939).	1	-----	-----	-----	13	4
					<b>CLEANING AND PRESERVING MATERIALS</b>						
					The following are requisitioned as required.						
5	-----	-----	-----	8020-244-0153	BRUSH, ARTIST: metal ferrule, flat, chisel edge, 7/16 w, 1-1/8 lg bristle (2440153).	1					
5	-----	-----	-----	8020-597-2645	BRUSH, ARTIST: metal ferrule, round, dome top, 15/64 w, 1-1/4 lg bristle (5972645).	1					
					CLEANING COMPOUND, SOLVENT: rifle-bore cleaner (CR) (JAN-C- 372).						
				6850-224-6656	2 oz can .....	1					
				6850-224-6657	6 oz can .....	1					
				6850-224-6658	1 qt can .....	1					
				6850-224-6663	1 gal can .....	1					
				5350-192-5052	CLOTH, ABRASIVE: crocus, ferric oxide and quartz, jean-cloth-back- ing, closed-coating, 9 w, 11 lg, 50-sh sleeve (P-C-458A) (CA) (42- C-20420-50).	1					
					GREASE, RIFLE: mineral oil and calcium soap (Fiske Bros. Refining Co., Lubriplate 130-A or equal) (BF-00-00140).						
10	-----	-----	-----	9150-754-0063	1 lb can .....	1					
					LINSEED OIL, RAW: TT-L-00215, max acid no., 177 min iodine no., 0.926 to 0.931 sp gr.						
5	-----	-----	-----	8010-221-0611	1 gal can (52-4533-700-500) .... LUBRICATING OIL, GENERAL PURPOSE: corrosion and oxidation resistant (PL special) (MIL-L- 644A, amend. 2).	1					

(1) Source, maintenance, and recoverability code				(2)  Federal stock No.	(3)  Description	(4)  Unit of issue	(5)  Quantity incorporated in unit	(6) 15-Day maintenance allowance per 100 equipments		(7) Illustration	
(a) Technical service No.	(b) Source	(c) Maintenance level	(d) Recoverability					(a) Company or battery	(b) Separate company, Separate battalion or regiment	(a) Figure No.	(b) Item No.
					<b>CLEANING AND PRESERVING MATERIALS—Continued</b>						
10	----	----	----	9150-273-2389	4 oz can .....	1					
10	----	----	----	9150-231-6689	1 qt can .....	1					
					LUBRICATING OIL, WEAPONS: cor- rosion and oxidation resistant, low temp type (LAW) (MIL-L-14107).						
10	----	----	----	9150-292-9689	1 qt can .....	1					
					RAG, WIPING: cotton, bleached, white, general purpose, FED-DDD- 415A, class 1 or 2.						
10	----	----	----	7920-234-8465	5 lb bag .....	1					
10	----	----	----	7920-234-8467	100 lb bale .....	1					
					SWAB, SMALL ARMS CLEANING:						
					cotton, 2-1/2 w, 2-1/2 lg.						
				1005-288-2868	20 ea in wtrprf env (Export Pack)	1					
				1005-288-3565	200 ea in bndl .....	1					



ORD F1539

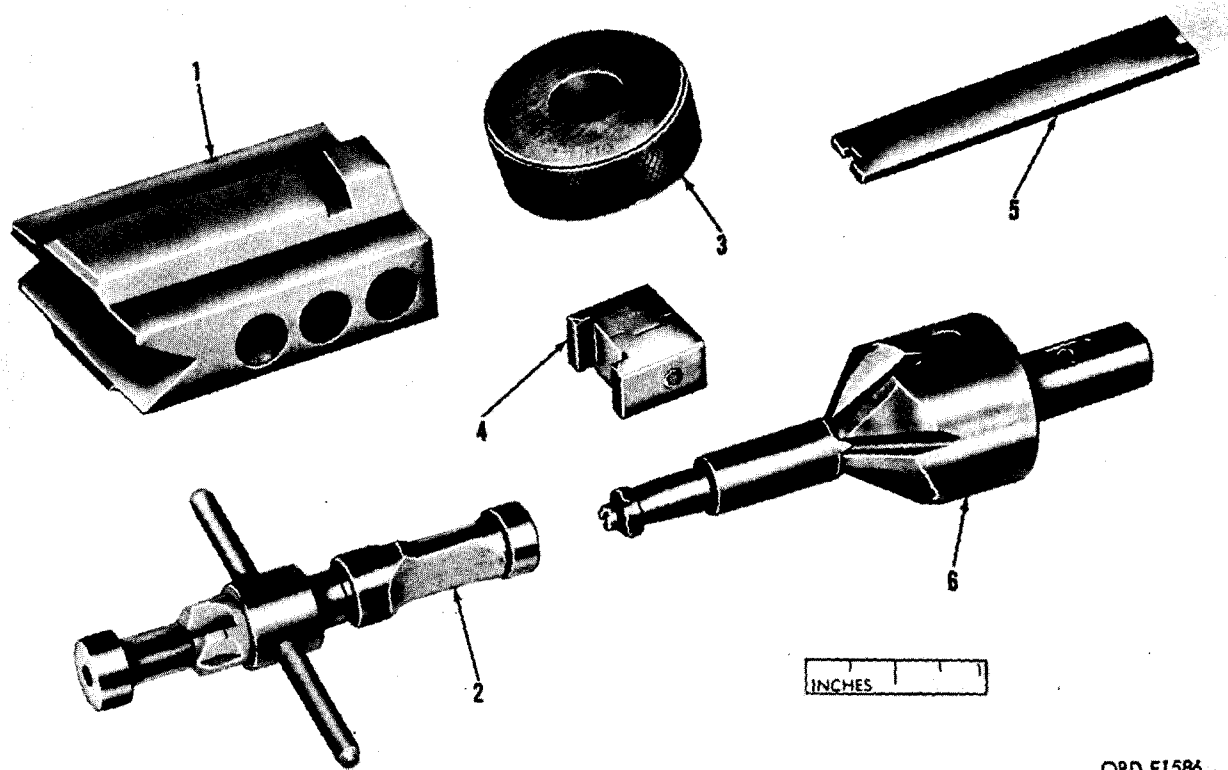
*Figure 9. Tools and equipment.*





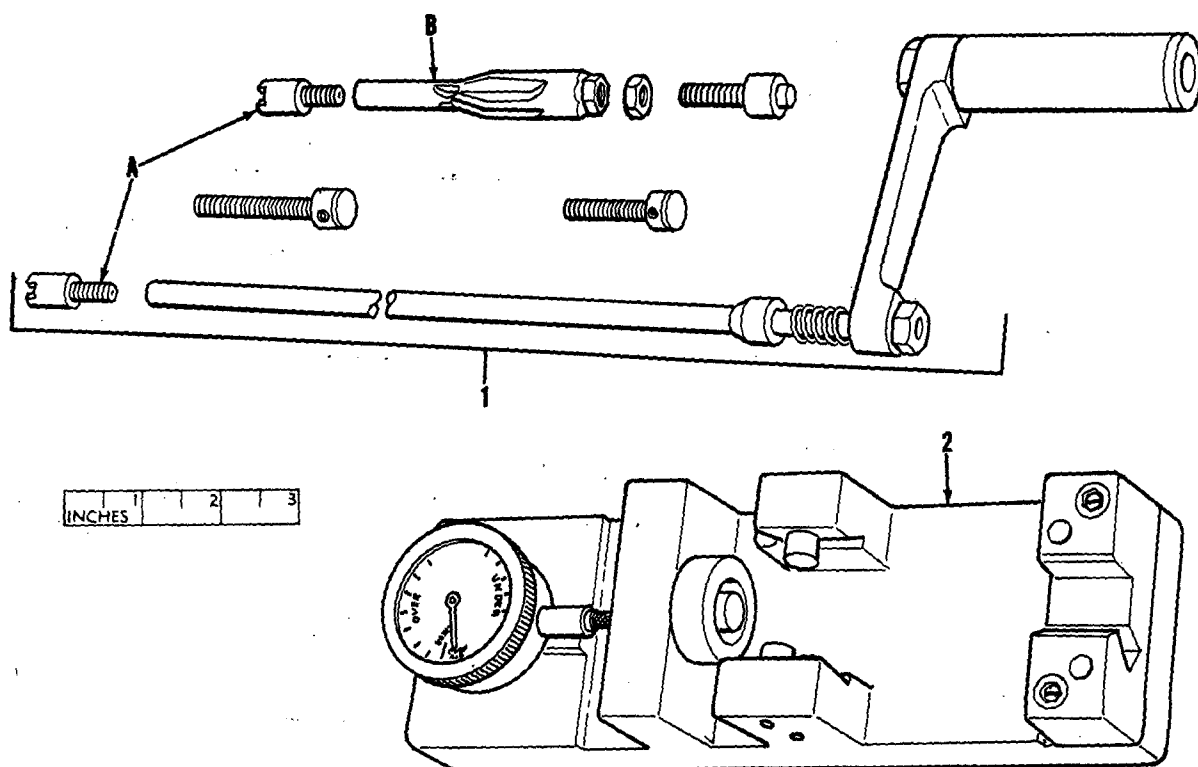
RA PD 258707

*Figure 10. Tool chest.*



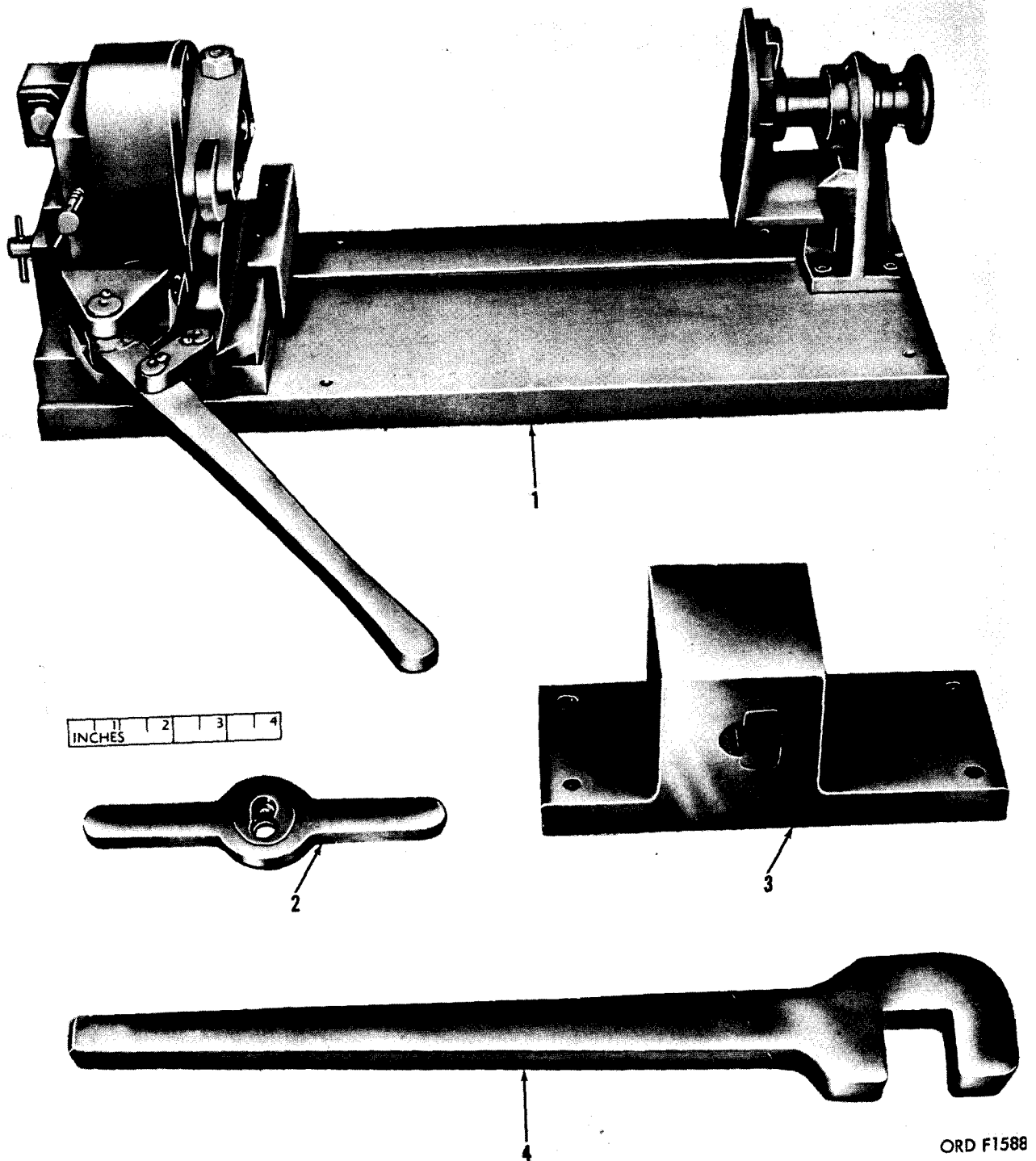
ORD F1586

Figure 11. Tools and equipment.



ORD F1587

Figure 12. Tools and equipment.



*Figure 13. Tools and equipment.*

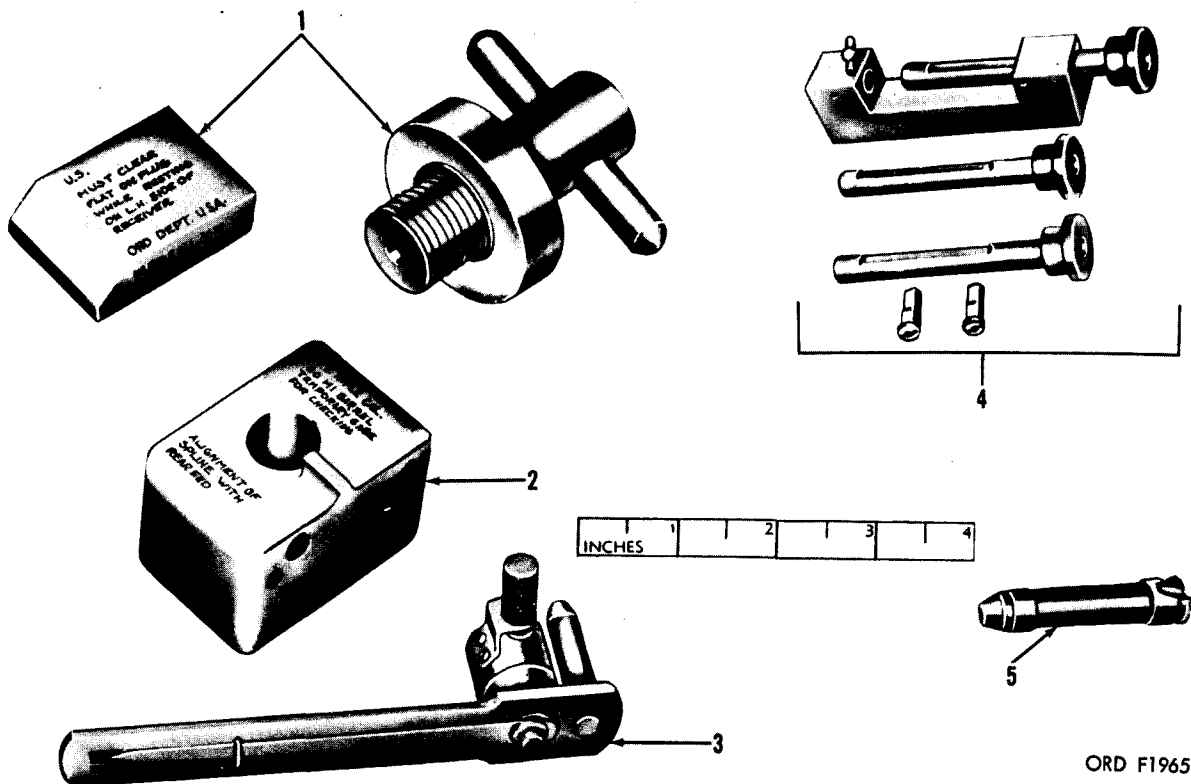


Figure 14. Tools and equipment.

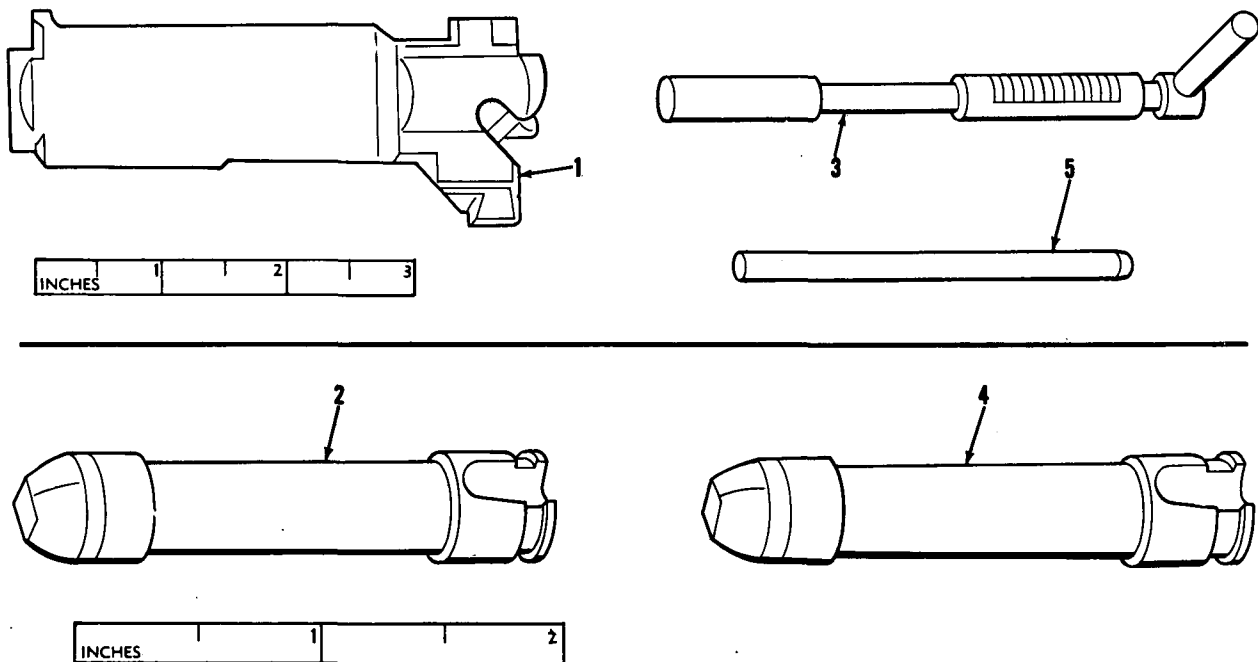


Figure 15. Tools and equipment.

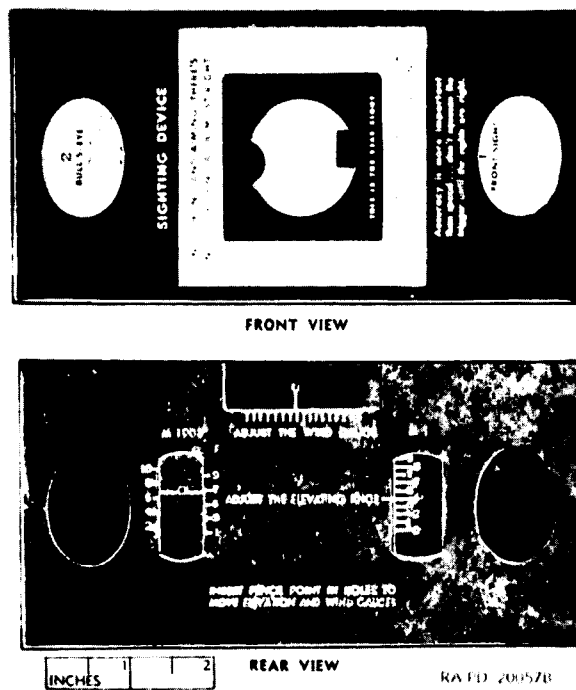


Figure 16. Trainer rifle M15.

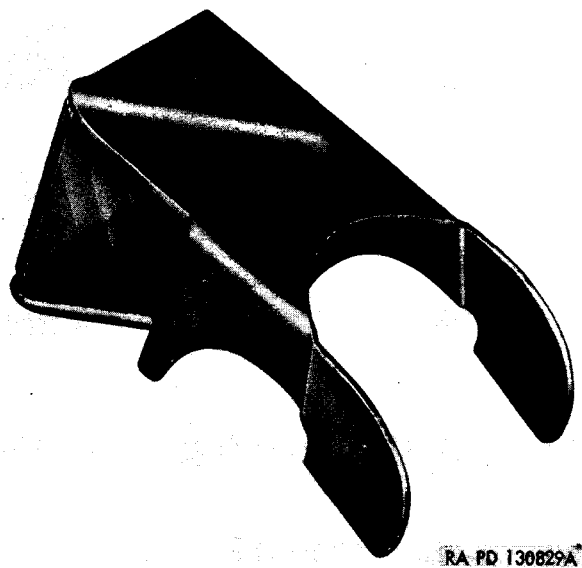


Figure 17. Device aiming M2.

# PART NUMBER INDEX

(1)	(2)	(3)		(4)	(1)	(2)	(3)		(4)
Part No.	Federal stock No.	Illustration		Total qty.	Part No.	Federal stock No.	Illustration		Total qty.
		(a)	(b)				(a)	(b)	
		Figure No.	Item No.				Figure No.	Item No.	
MS 35460-21	5305-269-6419	7	6	1	6174998	1005-617-4998	17		
41-C-853	5140-652-8243	10			6316048	4933-631-6048	13	2	
586079	5315-058-6079	5	1	1	6528287	1005-652-8287	2	10	1
2440153	8020-244-0153						3	5	1
5013667	1005-501-3667	2	3	1	6528290	1005-652-8290	4	11	1
5013668	5315-501-3668	4	6	1	6544058	1005-654-4058	9	5	
5013669	5315-501-3669	4	1	1	6595353	4933-659-5353	13	1	
5013677	5305-501-3677	8	5	1	7137938	4933-713-7938	13	3	
5013678	5305-501-3678	7	4	1	7137939	4933-713-7939	13	4	
5546000	1005-554-6000	5	2	1	7142262	4933-714-2262	12	1	
5546003	1005-554-6003	3	1	1	7142263	4933-714-2263	12	1B	
5546004	1005-554-6004	2	7	1	7142269	4933-714-2269	12	1A	
5546008	1005-554-6008	4	7	1	7160903	6910-716-0903	16		
5546013	1005-554-6013	8	7	1	7265215	1005-726-5215	2	6	1
5546015	1005-554-6015	4	8	1	7265848	4933-726-5848			
5546017	1005-554-6017	2	8	1	7265849	4933-726-5849			
5546018	1005-554-6018	4	10	1	7265871	1005-726-5871	7	2	1
5546024	1005-554-6024	5	4	1	7266109	1005-726-6109	9	4	
5546026	1005-554-6026	4	2	1	7266110	1005-726-6110	9	3	
5546027	1005-554-6027	2	5	1	7266115	1005-793-6761	9	2	
5546011	1005-554-6011	2	12	1	7267754	1005-650-4510			
5564165	4933-556-4165	15	5		7268109	1005-348-8654	6	3	1
5564174	1005-556-4174	9	1		7268110	1005-348-8655			
5564283	1005-556-4283	8	4	1	7268275	1005-694-1662			
5564331	1005-556-4331	2	9	1	7268365	1005-573-1601	7	7	1
5564343	4933-556-4343	15	3		7274736	4933-345-6122	11	5	
5661055	4933-566-1055	14	4		7312631	1005-731-2631	4	9	1
5910565	1005-726-6476	1			7312738	1005-731-2738	6	2	1
5972645	8020-597-2645				7318620	4933-731-8620	14	1	
6008616	1005-600-8616	3	3	1	7319554	4933-731-9904	14	3	
6008618	1005-600-8618	3	2	1	7319911	5220-731-9911	11	4	
6008868	1005-600-8868				7319918	5220-731-9918	11	3	
6008869	1005-600-8869	2	4	1	7319919	4933-731-9919	11	2	
6008872	1005-600-8872	6	4	1	7319920	4933-731-9920	11	1	
6008878	5315-600-8878	2	11	1	7319933	4933-731-9933	12	2	
6008879	1005-600-8879	3	4	1	7319944	5220-731-9944	15	2	
6008880	1005-600-8880	4	5	1	7319950	4933-398-4107	14	5	
6008881	5305-600-8881	8	1	1	7319954	4933-398-4108	15	4	
6008883	1005-600-8883	4	3	1	7790111	1005-649-9269	7	3	1
6008885	1005-600-8885	2	13	1	7790357	1005-649-9274	6	5	1
6008887	1005-600-8887	4	4	1	7790386	1005-649-9275	6	1	1
6008889	1005-600-8889	8	2	1	7790582	1005-691-1381			
6008890	1005-600-8890	8	6	1	7790721	1005-778-0578	8	8	1
6008891	1005-600-8891	7	5	1	7790722	1005-711-6203	2	9	1
6045949	4933-604-5949	14	2		7790725	1005-778-0579	5	3	1
6046302	4933-604-6302	15	1		7790937				
6137604	1305-028-6251				7790995	1005-791-3377			
6146873	1005-614-6873	8	3	1	7791035	1005-447-9904	5	5	1
6147428	1005-670-6963	7	1	1	8411556	4933-508-0425	11	6	
6147568	1005-614-7568	2	1	1					

# STOCK NUMBER INDEX

(1)	(2)	(3)		(1)	(2)	(3)	
		Illustration				Illustration	
		(a)	(b)			(a)	(b)
Federal stock No.	Part No.	Figure No.	Item No.	Federal stock No.	Part No.	Figure No.	Item No.
1005-288-2868				1005-731-2738	7312738	6	2
1005-288-3565				1005-778-0578	7790721	8	8
1005-348-8654	7268109	6	3	1005-778-0579	7790725	5	3
1005-348-8655	7268110			1005-791-3377	7790995		
1005-447-9904	7791035	5	5	1005-793-6761	7266115	9	2
1005-501-3667	5013667	2	3	1305-028-6251	6137604		
1005-554-6000	5546000	5	2	4933-345-6122	7274736	11	5
1005-554-6003	5546003	3	1	4933-398-4107	7319950	14	5
1005-554-6004	5546004	2	7	4933-398-4108	7319954	15	4
1005-554-6008	5546008	4	7	4933-508-0425	8411556	11	6
1005-554-6011	5546011	2	12	4933-556-4165	5564165	15	5
1005-554-6013	5546013	8	7	4933-556-4343	5564343	15	3
1005-554-6015	5546015	4	8	4933-566-1055	5661055	14	4
1005-554-6017	5546017	2	8	4933-604-5949	6045949	14	2
1005-554-6018	5546018	4	10	4933-604-6302	6046302	15	1
1005-554-6024	5546024	5	4	4933-631-6048	6316048	13	2
1005-554-6026	5546026	4	2	4933-659-5353	6595353	13	1
1005-554-6027	5546027	2	5	4933-713-7938	7137938	13	3
1005-556-4174	5564174	9	1	4933-713-7939	7137939	13	4
1005-556-4283	5564283	8	4	4933-714-2262	7142262	12	1
1005-556-4331	5564331	2	2	4933-714-2263	7142263	12	1B
1005-570-6963	6147428	7	1	4933-714-2269	7142269	12	1A
1005-573-1601	7268365	7	7	4933-726-5848	7265848		
1005-600-8616	6008616	3	3	4933-726-5849	7265849		
1005-600-8618	6008618	3	2	4933-731-8620	7318620	14	1
1005-600-8868	6008868			4933-731-9904	7319904	14	3
1005-600-8869	6008869	2	4	4933-731-9919	7319919	11	2
1005-600-8872	6008872	6	4	4933-731-9920	7319920	11	1
1005-600-8879	6008879	3	4	4933-731-9933	7319933	12	2
1005-600-8880	6008880	4	5	5140-652-8243	41-C-853	10	
1005-600-8883	6008883	4	3	5220-731-9911	7319911	11	4
1005-600-8885	6008885	2	13	5220-731-9918	7319918	11	3
1005-600-8887	6008887	4	4	5220-731-9944	7319944	15	2
1005-600-8889	6008889	8	2	5305-269-6419	MS 35460-21	7	6
1005-600-8890	6008890	8	6	5305-501-3677	5013677	8	5
1005-600-8891	6008891	7	5	5305-501-3678	5013678	7	4
1005-614-6873	6146873	8	3	5305-600-8881	6008881	8	1
1005-614-7568	6147568	2	1	5315-058-6079	586079	5	1
1005-617-4998	6174998	17	-	5315-501-3668	5013668	4	6
1005-649-9269	7790111	7	3	5315-501-3669	5013669	4	1
1005-649-9274	7790357	6	5	5315-600-8878	6008878	2	11
1005-649-9275	7790386	6	1	5350-192-5052			
1005-650-4510	7267754			6850-224-6656			
1005-652-8287	6528287	2	10	6850-224-6657			
		3	5	6850-224-6658			
1005-652-8290	6528290	4	11	6850-224-6663			
1005-654-4058	6544058	9	5	6910-716-0903	7160903	16	
1005-691-1381	7790582			7920-234-8465			
1005-694-1662	7268275			7920-234-8467			
1005-711-6203	7790722	2	9	8010-221-0611			
1005-726-5215	7265215	2	6	8020-244-0153	2440153		
1005-726-5871	7265871	7	2	8020-597-2645	5972645		
1005-726-6109	7266109	9	4	9150-231-6689			
1005-726-6110	7266110	9	3	9150-273-2389			
1005-726-6476	5910565	1		9150-292-9689			
1005-731-2631	7312631	4	9	9150-754-0063			

By Order of the Secretary of the Army:

G. H. DECKER,  
*General, United States Army,  
Chief of Staff.*

Official:

R. V. LEE,  
*Major General, United States Army,  
The Adjutant General.*

Distribution:

*Active Army:*

DCSLOG (1)  
USASA (2)  
CNGB (1)  
Tech Stf, DA (1)  
    except CofOrd (9)  
Ord Bd (2)  
USCONARC (3)  
ARADCOM (2)  
ARADCOM Rgn (2)  
OS Maj Comd (2)  
    except USAREUR (7)  
MDW (1)  
Armies (3)  
Corps (2)  
Div (2)  
Ord Gp (2)  
Ord Bn (2)  
Ord Co (2) except TOE:  
    9-12, 9-17, 9-47, 9-347,  
    9-377 (None)  
Ft Bragg (2)  
Ft Hood (2)

Ft Bliss (2)  
Ft Sam Houston (2)  
Ft Sill (2)  
Ft Belvoir  
Svc Colleges (2)  
Ord Ammo Comd (1)  
GENDEP (2)  
Ord Sec, GENDEP (5)  
Ord Dep (10) except  
    Wingate Ord Dep (3)  
Ord Arsenals (5) except  
    Raritan Arsenal (15)  
    Ravenna Arsenal (1)  
    Watervliet Arsenal (1)  
Springfield Armory (4)  
OSA (1)  
Ord PG (10)  
Ord Dist (1)  
MISMA (1)  
USA Corps (1)  
Uni: rg under fol TOE:  
    29-55 (2)

*NG:* State AG (3); Div (2).

*USAR:* Units—Same as Active Army except allowance is one copy to each unit.  
For explanation of abbreviations used, see AR 320-50.